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BOROUGH OF GILLINGHAM

ANNUAL REPORT

OF THE

Medical Officer of Health

for the Year ended 31st December, 1951

By

M. L. DUNLOP, M.B., D.P.H.
Deputy Medical Officer of Health

1952

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Deputy Medical Officer of Health

1952

Health Department,
Municipal Buildings,
Gillingham, Kent.
June, 1950.

To the Mayor, Aldermen and Councillors,

Mr. Mayor, Ladies and Gentlemen,

I have the honour to submit my Annual Report for the year ending 31st December, 1951.

Vital Statistics.

The birth rate was 14.5 per 1,000 of the estimated population compared with 13.8 in the previous year.

The infant mortality rate reached the record low figure of 28 per 1,000 live births. Of the 30 infants who died under one year, 16 succumbed in the first week of life.

There was a slight decrease in the number of notifications of tuberculosis and the death rate from this disease continued to fall.

Infectious Diseases.

There were again no cases of diphtheria notified and the number of scarlet fever cases reported was reduced. There was, however, a large increase in the number of measles and whooping cough cases.

I wish to take this opportunity of thanking the Council for their assistance and support during the year in which I took over the responsibility of the Department. I wish also to express my gratitude to the Staff for their wholehearted support, particularly to Mr. Hedgecock for his assistance and Mr. Pett who compiled the figures for this report.

I am,
Mr. Mayor, Ladies and Gentlemen,
Your obedient servant,
M. L. DUNLOP,
Deputy Medical Officer of Health.

STAFF—PUBLIC HEALTH AND EDUCATION DEPARTMENTS

Medical Officer of Health:

*W. A. Muir, M.D., Ch.B., D.P.H. (retired 1/5/51).

Deputy Medical Officer of Health:

*Meta L. Dunlop, M.B., Ch.B., D.P.H.

Assistant Medical Officers:

G. E. Hughes (part time).
R. I. Porter (part time)
J. Roffey (part time—commenced 1/10/51).

Dental Surgeon:

William C. Griffiths, L.D.S., R.C.S. (School Health Service)

Senior Sanitary Inspector:

*F. J. Hedgecock, M.R.S.I., M.S.I.A.

District Sanitary Inspectors:

*R. C. Langley, M.S.I.A.
*F. G. Barney, A.R.S.I., M.S.I.A.
*A. G. Brimble, M.R.S.I., M.S.I.A.
*N. Smith, M.S.I.A.
*H. H. Coutts, M.R.S.I., M.S.I.A.

Health Visitors: (School Health Service)

*(a) N. Legg, S.R.N., S.C.M., Health Visitor's Cert.
*(a) E. M. Ross, S.R.N., S.C.M., R.S.C.N.
*(b) H. Parry, S.R.N., S.C.M., Health Visitor's Cert. (resigned 13/1/51).
*(b) J. Tombleson, S.R.N., S.C.M., Health Visitor's Cert.
*(b) E. W. Jordan, S.R.N., S.C.M., Health Visitor's Cert.
*(b) J. K. Hall, S.R.N., S.C.M., Health Visitor's Cert. (commenced 28/10/51).
*(b) W. Clements, S.R.N., S.C.M., Health Visitor's Cert. (commenced 12/2/51, resigned 27/10/51).
*(c) H. V. Wilson, S.R.N., S.C.M., Health Visitor's Cert.
*(d) A. C. Neesam, S.R.N., S.C.M. (part-time).

Chief Clerk:

S. Pett.

Clerks:

J. Clark.
E. Dwyer.
R. C. Avery. (School Health Service).
† P. J. Bowgen. (School Health Service).
B. McCauley.
P. B. Sayer (resigned 23/2/51.
W. E. Kennedy (commenced 12/3/51).

Dental Attendant:
L. Scott.

Disinfector and Mortuary Attendant:
John Sparks.

Rodent Operative:
V. C. Barker (resigned 11/8/51).
W. H. Wright (commenced 1/10/51)

NOTES.

* Indicates officials to whose salaries contribution is made under Public Health Acts or by Exchequer Grants.

(a) General trained nurse, half time to School Health Service.

(b) General trained nurse, one-third time to School Health Service.

(c) General trained nurse, three-quarters time devoted to School Health Service.

(d) General trained nurse, School and Clinic Nurse.

† One-third time to School Health Service.

STATISTICS AND SOCIAL CONDITIONS OF THE AREA

Area in acres (land, inland water and foreshore)...	11,201
Rateable Value (April, 1951)	£392,255
Estimated Sum Represented by a Penny Rate (1951-52)	£1,590

In 1950-51 the total Rates were 20/8 in the £ (excluding water rates and charges).

Extracts from Vital Statistics

Total Population (Registrar General) ...	73,420

Live Births

Rate per 1,000 of the estimated resident civilian population	14.5

Still Births

Rate per 1,000 total (live and still) births ...	30.0

Deaths (all causes)

Rate per 1,000 of the estimated civilian population	11.1

Deaths from Puerperal Causes

	Rate per 1,000 total (live and still births)
Puerperal and post abortive sepsis	0.00
Other Maternal Causes	0.91
Total	0.91

Death Rate of Infants Under One Year of Age

All Infants per 1,000 live births	28
Legitimate Infants per 1,000 legitimate live births	28
Illegitimate Infants per 1000 illegitimate live births	32

Deaths in Public Institutions

Two hundred and seventy-four or 33.6 per cent. of the total, took place in Institutions.

Natural Increase of Population

This is measured by the excess of births over deaths. The figure for the year 1051 was 251 and for previous years as follows :—

Year	Natural Increase of Population
1942	287
1943	468
1944	544
1945	527
1946	728
1947	647
1948	496
1949	325
1950	237
1951	251

Cancer

	Cancer Death Rate.	Percentage of Total Deaths.
1942	2.0	14.7
1943	2.0	16.1
1944	2.0	15.9
1945	2.1	16.6
1946	1.9	15.9
1947	1.9	15.0
1948	2.4	19.9
1949	2.1	15.9
1950	1.8	16.4
1951	1.6	14.6

Violence

Deaths from motor vehicle accidents numbered 17, from suicide 9 and from "all other accidents" 20.

PREVALENCE OF, AND CONTROL OVER INFECTIOUS AND OTHER DISEASES

Smallpox

No cases were notified during 1951.

Scarlet Fever

Notifications numbered 54. 13 cases were removed to hospital. There were no deaths.

Diphtheria

No cases were notified.

TABLE SHOWING NOTIFICATIONS OF DIPHTHERIA

From 1918 to 1951

Period	No. Notified	Deaths Registered.
1918-27	78 (Avg.)	—
1928	213	10
1929	179	17
1930	42	1
1931	19	1
1932	8	—
1933	17	1
1934	52	4
1935	27	5
1936	17	2
1937	42	1
1938	157	4
1939	86	1
1940	28	1
1941	5	—
1942	7	—
1943	3	—
1944	3	—
1945	2	—
1946	2	—
1947	NIL	—
1948	4	—
1949	NIL	—
1950	NIL	—
1951	NIL	—

IMMUNISATION AGAINST DIPHTHERIA AND VACCINATION AGAINST SMALLPOX, 1951

The following is a return of (A) the number of children resident in the Borough of Gillingham, who were immunised against diphtheria and (B) the number of persons who were vaccinated against smallpox, during the year ended 31st December, 1951 :—

(A) **Diphtheria Immunisation**

Year of Birth	1951	1950	1949	1948	1947	1946	1945	1944	1943	1942	1941	1940	1939	1938	1937	Total
Primary Inoculations	51	624	86	30	12	24	35	0	2	6	1	2	40	38	84	1044
Reinforcing Inoculations	—	—	—	2	36	403	226	64	16	18	16	17	174	192	352	1516

(B) **Vaccination**

Age at 31st Dec., 1951	Under 1	1 to 4	5 to 14	15 or over	Total
Number Vaccinated	426	276	45	67	814
Number Re-Vaccinated	—	17	68	232	317

IMMUNISATION AGAINST DIPHTHERIA, 1951

The following is a return of the number of children resident in the Borough of Gillingham under the age of 15 years on 31st December, 1951, who had completed a course of immunisation at any time before that date (i.e., at any time since 1st January, 1937).

Year of Birth	1937	1938	1939	1940	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	1951	Total
	950	909	861	939	932	757	982	1204	1164	1048	982	1233	772	683	51	13467

Puerperal Pyrexia

2 cases were notified. Both patients recovered.

Ophthalmia Neonatorum

One case was notified, and made a complete recovery.

Enteric Fever Group

One case of Paratyphoid "B" Fever was notified. The patient, a girl aged 14 years, died.

Dysentery

10 cases were notified. All were caused by B Sonne.

Anterior Poliomyelitis

3 cases were notified. One boy, aged 6 years, died.

Pneumonia

Cases notified numbered :—

Lobar pneumonia	20
Broncho pneumonia	—
Influenzal pneumonia	6
Acute primary pneumonia	2
Pneumonia	6
Total	34

Measles and Whooping Cough

	Number of cases notified	Deaths
Measles	1663	1
Whooping Cough	419	—

Disinfections

Houses disinfected by Formalin spraying in connection with tuberculosis cases numbered 228 compared with 231 in the previous year.

Tuberculosis

Notification of new cases :—

	Pulmonary Rate per 1,000 of population	Non-Pulmonary Rate per 1,000 of population
1942	1.5	0.4
1943	1.7	0.4
1944	2.27	0.5
1945	1.24	0.5
1946	1.45	0.4
1947	1.69	0.3
1948	1.05	0.3
1949	1.07	0.2
1950	0.86	0.1
1951	0.8	0.1

PUBLIC HEALTH (TUBERCULOSIS) REGULATIONS 1930

	Pulmonary	Non-Pulmonary	Total
Number on Register at 1st January, 1951	465	97	562
Number on Register at 31st December, 1951	475	101	576

Notifications

Table compiled from local records, giving details with regard to sex, age, etc., of notified new cases during 1951.

Age Periods	New Cases			
	Respiratory		Non-Respiratory	
	M.	F.	M.	F.
Under 1 year	—	—	—	—
1— 5 years	1	1	1	—
5—15 ,,	—	1	2	2
15—25 ,,	8	12	—	—
25—35 ,,	4	7	—	2
35—45 ,,	5	1	1	1
45—55 ,,	11	2	—	1
55—65 ,,	4	—	1	—
65 and upwards	1	1	—	—
Total ...	34	25	5	6

Tuberculosis Death Rate

The following table is inserted for purposes of comparison :

Year	Death Rates per 1,000 of Population		
	All Forms	Pulmonary	Non-Pulmonary
1942	0.92	0.73	0.19
1943	0.87	0.74	0.13
1944	0.83	0.72	0.11
1945	0.62	0.48	0.14
1946	0.74	0·63	0.11
1947	0.71	0.58	0.13
1948	0.61	0.55	0.06
1949	0.50	0.47	0.03
1950	0.39	0.33	0.06
1951	0.36	0.31	0.05

Particulars of patients from the Gillingham Area dealt with at the Chest Clinic, Gillingham, during 1951.

(These figures were kindly supplied by Dr. S. R. C. Price, Chest Physician).

	Adults		Children		Total	
	M.	F.	M.	F.	M.	F.
Pulmonary	30	21	—	2	30	23
Non-pulmonary ...	2	3	1	—	3	3
Total	32	24	1	2	33	26
	56		3		59	
Non-tuberculous ...	166	242	70	87	236	329
Grand Total	198	266	71	89	269	355
	464		160		624	

Total attendances numbered 2630.

Institutional Treatment

Institutions to which patients were sent during 1951 :—

All Saints' Hospital, Chatham	9
St. Bartholomew's Hospital, Rochester	1
Grosvenor Sanatorium, Ashford	4
Lenham Sanatorium, Nr. Maidstone	3
Grove Park Hospital, Lee	5
Royal Sea Bathing Hospital, Margate	2
Bevendean Hospital, Brighton	2
Queen Mary's Hospital, Sidcup	1
Preston Hall, Aylesford	2
Kettlewell Hospital, Swanley	1
Eversfield Chest Hospital, St. Leonards	1
Orpington Hospital	2
Fairlight Sanatorium, Hastings	2
Keycol Hill Hospital	2
Princess Mary's Hospital, Margate	1
Farnborough Hospital	2
Bow Arrow Hospital, Dartford	2
London Chest Hospital	2
Total	44

Venereal Diseases

I am indebted to Dr. C. D. Routh, Director of the Medway and Gravesend Hospital Management Committee's Special Clinic in Rochester, for the subjoined figures.

New Patients—Gillingham :

	Male	Female	Total
Syphilis	1	4	5
Soft sore	—	—	—
Gonorrhœa	6	—	6
Non-Venereal	42	11	53
Totals ...	49	15	64

Infant Mortality

Deaths of infants under 1 year numbered 30, which represents an infant mortality rate of 28 per 1,000 births.

The rate for London was 26, for England and Wales 29, and for "the Great Towns" including London, 33.

Maternal Mortality

There was one death associated with pregnancy giving a maternal mortality rate of 0.91. The maternal mortality rate for England and Wales was 0.79.

ANALYSIS OF INFANT DEATHS DURING 1951

CAUSE OF DEATH (Local register)	AGE AT DEATH									
	Under 1 week	1 and under 2 weeks	2 and under 3 weeks	3 and under 4 weeks	Total under 1 month	1 and under 3 months	3 and under 6 months	6 and under 9 months	9 and under 12 months	Total under 1 year
Prematurity	7	2	—	—	9	—	—	—	—	9
Gastro enteritis	—	—	—	—	—	—	1	—	—	1
Pneumonia	2	—	—	—	2	1	1	2	1	7
Meningitis	—	1	—	—	1	1	—	—	—	2
Atelectasis	2	—	—	—	2	—	—	—	—	2
Congenital malformations	1	1	—	—	2	1	2	—	—	5
Marasmus	—	—	—	—	—	—	—	—	—	—
Other causes	4	—	—	—	4	—	—	—	—	4
ALL CAUSES	16	4	—	—	20	3	4	2	1	30

ANALYSIS OF BIRTHS AND INFANT DEATHS FOR THE YEARS 1941 TO 1951

	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	1951
Number of still births	33	35	31	28	22	41	39	25	15	21	33
Number of neo-natal deaths	21	35	30	29	31	33	33	21	28	23	20
Total number of still births and neo-natal deaths	54	70	61	57	53	74	72	46	43	44	53
Number of deaths of infants 1 to 12 months of age	18	20	21	28	31	16	32	14	14	14	10
Number of live births	931	994	1138	1212	1231	1470	1446	1261	1154	1046	1065
Number of still births	33	35	31	28	22	41	39	25	15	21	33
Total live and still births	964	1029	1169	1240	1253	1511	1485	1286	1169	1067	1098

MORTALITY RATES CALCULATED PER 1,000 LIVE AND STILL BIRTHS

Still births	34	34	26	22	17	27	26	19	13	20	30
Neo-natal deaths	22	35	25	23	24	22	22	16	24	21	18
Deaths of infants 1 to 12 months of age ..	19	20	18	22	24	10	22	11	12	13	9
Still births and all deaths up to 1 year	75	88	70	68	66	59	71	47	49	54	57
Infant mortality **per 1,000 live births** ..	44	56	45	47	50	33	45	28	36	35	28

Water Supply

Thirty-three water samples were taken during the year; 11 from the Gillingham area and 22 from the Rainham area. All proved satisfactory.

19,687 dwellings are supplied directly from the mains, this is 98.4% of the total number of dwellings in the Borough, which consist of :—

Houses	19,184
Houses and shops	699
Houses and business premises	29
Licensed houses	96
Boarding houses	5
Total dwellings	20,013

Sanitary Inspection

This portion of the report has been prepared from information supplied by Mr. F. J. Hedgecock, Chief Sanitary Inspector.

Premises, Etc., Visited During 1951

	No. of Visits
Milk shops and dairies and retailers of bottled sterilised milk	289
Bakehouses	106
Slaughterhouses	2
Factories, workshops and workplaces	264
Animals kept so as to be a nuisance	255
Re notified infectious diseases	214
Houses (filthy or verminous)	44
Refreshment houses or premises where food is prepared	377
School lavatories	—
Shops under Shops Acts...	1517
Public lavatories	3119
Drains tested	682
Complaints received	2298

Inspection and Supervision of Food

The subjoined table shows the premises on the registers and the number of inspections made.

	On Register 31st Dec.	No of visits during 1951
Bakehouses	28	106
Dairies and Milkshops	13	289
Retailers of bottled sterilised milk	60	
Slaughterhouses	—	2
Fried Fish Shops	29	97
Pressed and Preserved Meat Premises	42	71
Restaurants	42	377

Food and Drugs Act, 1938

Particulars of samples taken by the Sanitary Inspectors during the year :—

Articles	No. of Samples
Beef Sausage Meat...	1
Beef Sausages	1
Meat Paste	2
Fish Paste	2
Pepper	3
Cornflour	2
Glycerine and Honey	2
Ice Cream	13
Sago...	1
Gravy Powder	2
Horseradish Cream	1
Aspirins	1
Custard Powder	1
Saccharin Tablets	1
Ground Cinnamon	1
Baking Powder	2
Crabmeat	1
Curry Powder	3
Coffee and Chicory Essence	2
Salad Cream	2
Soup	4
Balsam and Aniseed	2
Luncheon Meat	1
Vanilla Essence	1
Sweetened Sponge Mixture	2
Syrup of Figs	1
Stomach Tablets	1
Headache Powders...	1

Food and Drugs Act, 1938—*continued.*

Peanut Butter	1
Gelatine	1
Milk	147
Vinegar	3
Lemonade Crystals	2
Table Jelly	1
Flour	1
Cake and Bun Flour	3
Dutch Mayonnaise...	1
Dessert Powder	1
Ground Nutmeg	1
Sauce	3
Sodium Bicarbonate	1
Ginger Conserve	1
Epsom Salts	1
Bitter Beer	1
Wine and Cordials	3
	229

Unsound Food

Amount of food condemned weighed 3 tons, 13 cwts. 2 qrs. 1 st. and 4 lbs. This included tinned foods, flour, cheese and hams.

Housing Summary

1. Inspection of dwelling-houses during the year :—
   - (1) (*a*) Total number of dwelling-houses inspected for housing defects (under Public Health or Housing Acts) 1847
   - (*b*) Number of inspections made for the purpose 3965
   - (2) (*a*) Number of dwelling-houses (included under sub-head (1) above) which were inspected and recorded under the Housing Regulations 212
   - (*b*) Number of inspections made for the purpose 427
   - (3) Number of dwelling-houses found to be in a state so dangerous or injurious to health as to be unfit for human habitation 9
   - (4) Number of dwelling-houses (exclusive of those referred to under the preceding sub-head) found not to be in all respects reasonably fit for human habitation 251
2. Remedy of defects during the year without service of formal notices :—

   Number of defective dwelling-houses rendered fit in consequence of informal action by the local authority or their officers 433

Housing Summary *continued.*

3. Action under statutory powers during the year :—

(a) Proceedings under Public Health Acts :—	
(1) Number of dwelling-houses in respect of which notices were served requiring defects to be remedied	676
(2) Number of dwelling-houses in which defects were remedied after service of formal notices :	
(*a*) By owners	572
(*b*) By local authority in default of owners	31
(b) Proceedings under Housing Act :—	
(1) Demolition Orders	6
(2) Closing Orders	—
(3) Undertakings not to re-let for human habitation	3
(4) Houses demolished during 1951 as the result of formal action under the Act ...	21

Nuisances Abated

Water Closets :

Lavatory basins provided	1
New pans and traps fitted	45
Water closets re-built	NIL
New water closets constructed	2
Water closet fittings repaired (water)	91
Water closet seats, doors, floors, brickwork repaired...	63

Water Supply :

Pipes repaired	7
Internal supply provided	4

Yards :

Drained and paved with cement concrete	24

Sinks and Baths :

Glazed stoneware sinks fixed	6
Sink waste pipes provided and fixed	25

Drainage :

Drains repaired	217
Subsidiary sewers cleared by Health Department ...	855
Inspection chambers repaired	16
Cesspools cleared by Health Department	277

Nuisances Abated—*continued.*

Dampness :	
Roofs repaired and made watertight	311
Eaves guttering and down pipes provided or repaired	277
External walls protected from dampness	133
Internal walls repaired	336
Damp-proof courses inserted	67
Ventilation provided under floors	10
Forecourts paved with cement concrete	2
General	
Disused cesspools filled in	130
Accumulation of refuse in yard removed	1
Dangerous cellar flaps repaired	5
Cooking ranges and coppers repaired	76
Sashes, doors, frames, floors, and stairs repaired ...	317
Ceilings repaired and distempered	109
Back additions underpinned and repaired	2
Dustbins provided	59

Preliminary and Abatement Notices

During the year the following notices were served :–

Informal Notices for the abatement of various nuisances	613
Abatement Notices concerning various nuisances (Section 93 of the Public Health Act, 1936) ...	251
Section 24 of the Public Health Act, 1936 (Maintenance of a public sewer)	109
Section 39 of the Public Health Act, 1936 (Defective sanitary appliance)	122
Section 44 of the Public Health Act, 1936 (Construction of W.C.)	—
Section 45 of the Public Health Act, 1936 (Notice to repair defective closet)	51
Section 50 of the Public Health Act, 1936 (Leaking Cesspools)	68
Gillingham Corporation Act, 1931, Section 72, respecting choked or defective drains	68
Section 56 of the Public Health Act, 1936 (Yard Paving)	9
Section 75 of the Public Health Act, 1936 (Provision of Dustbins)	66
Total	1357

Prevention of Damage by Pests Act, 1949.

	Rats	Mice
Number of complaints received ...	114	77
Infestations found	96	48
Infestations found on independent investigation	44	18
Action taken :—		
Premises treated by Operator ...	116	90
Premises treated by Occupiers ...	3	3
Estimated Kill :—		
By poison	951	—
Traps or other means	21	—

Sewer Treatment :—	Baited	Poison Baited
Number of manholes treated ...	341	154

Factories Act, 1937

There are 281 factories on the register ; 364 inspections were made. Outworkers premises numbered 66.

Eradication of Bed-Bugs

The number of houses found to be infested was :—

Council Houses	20
Other Houses	151
Bedding removed and disinfected	179
Total number of rooms sprayed for Bugs, T.B., etc.	1,123
Total number of articles disinfected	3,577

Nuisances Abated—*continued.*

Dampness :

Roofs repaired and made watertight	311
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SCHOOL HEALTH SERVICE

Under the provisions of the Education Act, 1944, Gillingham is an " excepted district."

Number on School Roll	9377
Average attendance December, 1951	8255
" Periodic " cases examined	3036
Total medical examinations	5505
Visits to schools by nurses	320
Visits to homes by nurses	751
Inspections by school dentist	2821
Treated by school dentist	3072
Percentage of average attendance found verminous	6.7
Percentage of average attendance excluded for verminous conditions	2.4
Total attendances at various clinics (dental excluded)	5956

Nutrition

In accordance with the requirements of the Ministry of Education, children examined at periodic medical inspections are classified as "Good," "Fair," or "Poor."

The figures for the past ten years are as follows :—

Year	Good %	Fair %	Poor %
1942	20.07	74.69	5.24
1943	20.00	75.74	4.35
1944	22.14	73.03	4.83
1945	22.90	72.60	4.50
1946	19.10	77.40	3.50
1947	17.50	77.50	5.00
1948	34.80	61.80	3.40
1949	51.10	44.30	4.60
1950	81.10	17.40	1.50
1951	85.01	14.86	0.13

Heights and Weights

Age	BOYS			GIRLS		
	Number examined	Average Height in inches	Average Weight in lbs.	Number examined	Average Height in inches	Average Weight in lbs.
5-6 years	562	44.1	44.4	507	43.9	42.8
6-7 ,,	76	46.5	48.9	72	46.7	48.6
7-8 ,,	—	—	—	—	—	—
8-9 ,,	—	—	—	—	—	—
9-10 ,,	—	—	—	—	—	—
10-11 ,,	190	55.8	73.8	255	55.2	72.9
11-12 ,,	184	56.1	75.9	176	56.6	78.3
12-13 ,,	297	58.5	89.3	272	59.5	90.1
13-14 ,,	103	59.7	96.2	46	59.9	91.9
14-15 ,,	99	63.8	110.4	76	62.0	110.2
15-16 ,,	112	65.8	119.8	—	—	—
16-17 ,,	9	66.0	124.7	—	—	—

Provision of Milk

Milk is provided free of charge to all school children. During the year an average of approximately 7,350 children were supplied with milk each day. This represents 78.4% of the total number of children on the roll.

Infectious Diseases

The following summary gives the number of patients excluded during the years 1942-51 (Private schools included.)

	Scarlet Fever Cases	Diphtheria Cases
1942	101	4
1943	222	1
1944	54	1
1945	62	1
1946	22	1
1947	31	—
1948	17	4
1949	42	—
1950	51	—
1951	38	—

Measles, Whooping Cough, Chicken-Pox, Mumps, etc.

	1949	1950	1951
Measles	177	74	702
German measles	3	—	—
Whooping cough	67	105	160
Chicken-pox	142	72	28
Mumps	9	58	8

Following-up by Nurses

The nurses paid 751 home visits, of which 554 were to make enquiries with regard to children suffering from infectious diseases.

Summary of Nurses Work

(1)	Total visits to schools	320
(2)	Attendances at routine medical inspections	132
(3)	Attendances at clinics	468
(4)	Visits to home re	
	(*a*) Defective children	197
	(*b*) Infectious diseases	554
(5)	Examination of heads and bodies re cleanliness	23,063
(6)	Notices sent re nits (children not excluded from school)	189
(7)	Notices sent re nits and vermin (children excluded from school)	196

Attendances at Treatment Clinics

	Balmoral Gardens	Rainham	Total 1951	Total 1950
Ringworm	111	8	119	362
Ear defects	277	18	295	562
Impetigo	215	31	246	271
Scabies { School children ...	—	9	9	—
Scabies { Others	—	—		
Scabies { Contacts	—	—		
Other skin diseases	224	4	228	211
External eye disease	579	77	656	525
Other conditions	2,586	1,118	3,704	3,008
Totals	3,992	1,265	5,257	4,939

Children suffering from the following conditions made first attendances for inspection :—

	Balmoral Gardens	Rainham	Total 1951	Total 1950
Catarrh, sore throats, colds etc.	48	24	72	81
Vermin of head or body, nits, etc.	216	24	240	267
Ringworm	10	2	12	33
Impetigo	38	13	51	73
Scabies { School children ...	—	3	3	—
Scabies { Others	—	—		
Scabies { Contacts	—	—		
Other skin diseases	64	3	67	91
Defective vision, sore eyes, etc.	237	43	280	265
Nose and throat diseases ...	24	12	36	56
Tubercular and pretubercular conditions	—	—	—	—
Chorea	—	1	1	4
Epilepsy	—	—	—	1
Ear disease	63	10	73	87
Heart disease	3	1	4	5
Rheumatism	2	2	4	—
Deformities	—	1	1	9
Convalescents from infectious diseases	21	7	28	62
Other diseases and defects ...	500	413	913	869
Totals	1,226	559	1,785	1,903

Orthoptic Clinic

During the year 23 cases were referred to St Bartholomew's Hospital, Rochester for the orthoptic treatment of children suffering from squint.

Nose and Throat Defects

145 children received operative treatment at All Saints and St. Bartholomew's Hospitals.

Ophthalmic Clinic

197 children made 699 attendances ; glasses were prescribed in 217 cases.

Errors of Refraction :

Hypermetropic astigmatism ...	48
Myopic astigmatism	50
Mixed astigmatism	43
Hypermetropia	56
Myopia	90
Total ...	287

The work of the clinic may be summarised thus :—

Sessions held	44
Individual children attended	197
Total attendances	699
Glasses prescribed	217
Glasses not required or no change necessary	482
Referred to hospital	23

Handicapped Pupils requiring education at Special Schools or Boarding in Boarding Homes

1951	Blind (1)	Partially sighted (2)	Deaf (3)	Partially deaf (4)	Delicate (5)	Physically handicapped (6)	Educationally subnormal (7)	Maladjusted 8)	Epileptic (9)	Total 1—9 (10)
In the calendar year :										
A. Handicapped Pupils newly placed in Special Schools or Homes	—	2	—	—	2	2	3	1	—	10
B. Handicapped Pupils newly ascertained as requiring education at Special Schools or boarding in Homes	—	—	—	—	1	1	7	—	—	9
On or about December 1st :—										
C. No. of Handicapped pupils from the area—										
(i) attending Special Schools as										
(a) Day Pupils	—	—	—	—	—	—	—	—	—	—
(b) Boarding Pupils ...	1	4	4	1	2	7	7	3	2	31
(ii) boarded in Homes ...	—	—	—	—	—	—	—	—	—	—
(iii) attending independent schools under arrangements made by the Authority	—	—	—	—	—	—	—	—	—	—
Total (C)	1	4	4	1	2	7	7	3	2	31
D. No. of Handicapped Pupils being educated under arrangements made under Section 56 of the Education Act, 1944—										
(a) in hospitals	—	—	—	—	—	—	—	—	—	—
(b) elsewhere	—	—	—	—	—	—	—	1	—	1
E. No. of Handicapped pupils from the area requiring places in special schools (including any such unplaced children who are temporarily receiving home tuition).	—	—	1	—	1	3	9	—	—	—

Number of children reported during the year :—

(a) under Section 57(3) (excluding any returned under (b)) ... 1
(b) under Section 57(3) relying on Section 57(4) ... ... —
(c) under Section 57(5) ... ... —
of the Education Act, 1944.

Amount spent on arrangements under Section 56 of the Education Act, 1944, for the education of handicapped pupils in the financial year ended 31st March, 1951 ... ... £81

Uncleanliness

The average number of visits by nurses to school departments was 4. Total examinations numbered 23,063 and 555 individual children were found unclean.

The following percentages are interesting :—

Year	Percentage of average attendance found verminous	Percentage of average attendance excluded
1942	11.2	4.9
1943	10.9	3.3
1944	8.9	3.4
1945	7.9	2.9
1946	5.7	2.8
1947	11.5	2.9
1948	10.7	2.4
1949	8.5	2.2
1950	8.8	2.5
1951	6.7	2.4

CHILDREN AND YOUNG PERSONS ACT, 1933
EMPLOYMENT OF CHILDREN

NUMBER OF MEDICAL EXAMINATIONS BETWEEN 1st JUNE, 1951 AND 31st DECEMBER, 1951.

Centre for Examination	No. of Children Examined	No. of Certificates Refused
Balmoral Gardens Gillingham	52	1
Health Centre, Rainham	12	—
Total	64	1

STATISTICAL TABLES

TABLE I

MEDICAL INSPECTION OF PUPILS ATTENDING MAINTAINED PRIMARY AND SECONDARY SCHOOLS

A.—Periodic Medical Inspections

Number of inspections in the prescribed Groups :—

Entrants	1,203
Second Age Group	812
Third Age Group	716
Total	2,731
Number of other Periodic Inspections ...	305
Grand Total ...	3,036

B.—Other Inspections

Number of Special Inspections	1,785
Number of Re-Inspections	684
Total	2,469

C.—Pupils found to require treatment

Group (1)	For defective vision (excluding squint) (2)	For any of the other conditions recorded in Table IIA (3)	Total individual pupils (4)
Entrants	13	198	205
Second Age Group ...	48	75	120
Third Age Group	55	137	187
Total (prescribed groups)	116	410	512
Other Periodic Inspections	2	26	28
Grand Total	118	436	540

TABLE II

A. RETURN OF DEFECTS FOUND BY MEDICAL INSPECTION IN THE YEAR ENDED 31st DECEMBER, 1951

Defect or Disease	PERIODIC INSPECTIONS		SPECIAL INSPECTIONS	
	No. of defects		No. of defects	
	Requiring treatment	Requiring to be kept under observation, but not requiring treatment	Requiring treatment	Requiring to be kept under observation, but not requiring treatment
(1)	(2)	(3)	(4)	(5)
Skin	3	3	67	12
Eyes—				
a. Vision	118	33	82	64
b. Squint	15	—	1	—
c. Other	26	1	198	27
Ears—				
a. Hearing	5	1	73	19
b. Otitis Media ...	5	4	—	—
c. Other	21	4	—	—
Nose or Throat	145	180	36	33
Speech	2	2	6	—
Cervical Glands ...	1	28	—	—
Heart and Circulation ...	12	45	4	13
Lungs	7	18	—	—
Developmental—				
a. Hernia	7	9	—	—
b. Other	1	2	—	—
Orthopaedic—				
a. Posture	25	13	—	—
b. Flat foot	60	17	—	—
c. Other	13	21	—	—
Nervous system—				
a. Epilepsy ...	1	—	—	—
b. Other	2	3	1	1
Psychological—				
a. Development ...	—	—	34	3
b. Stability ...	1	—	1	2
Other	189	217	597	316

TABLE III

B. CLASSIFICATION OF THE GENERAL CONDITION OF PUPILS INSPECTED DURING THE YEAR IN THE AGE GROUPS.

Age Groups	Number of Pupils Inspected	A. (Good)		B. (Fair)		C. (Poor)	
		No.	% of Col. 2	No.	% of Col. 2	No.	% of Col. 2
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
Entrants	1,203	1,079	89.7	124	10.3	—	0.0
Second Age Group	812	731	90.0	81	10.0	—	0.0
Third Age Group ...	716	547	76.4	165	23.0	4	0.6
Other Periodic Inspections ...	305	224	73.4	81	26.6	—	0.0
Total	3,036	2,581	85.0	451	14.9	4	0.1

TABLE IV.

TREATMENT OF PUPILS ATTENDING MAINTAINED PRIMARY AND SECONDARY SCHOOLS (INCLUDING SPECIAL SCHOOLS)

GROUP I.—DISEASES OF THE SKIN
(excluding uncleanliness, for which see Table VI.)

	Number of cases treated or under treatment during the year.	
	by the Authority	otherwise
Ringworm—(i) Scalp	3	—
(ii) Body	9	—
Scabies	3	—
Impetigo	47	—
Other skin diseases	59	2
Total ...	121	2

GROUP II.—EYE DISEASES, DEFECTIVE VISION AND SQUINT

	Number of cases treated	
	by the Authority	otherwise
External and other, excluding errors of refraction and squint	26	4
Errors of Refraction (including squint) ...	699	23
Total ...	725	27
No. of pupils for whom spectacles were		
(a) Prescribed	217*	—
† (b) Obtained	243*	—
Total ...	460	—

* Including cases dealt with under arrangements with the Supplementary Ophthalmic Services.

† Including spectacles prescribed in 1950 and obtained in 1951.

GROUP III.—DISEASES AND DEFECTS OF EAR, NOSE AND THROAT

	Number of cases treated	
	by the Authority	otherwise
Received operative treatment		
(a) for diseases of the ear	—	—
(b) for adenoids and chronic tonsillitis	—	145
(c) for other nose and throat conditions	—	—
Received other forms of treatment ...	53	7
Total ...	53	152

GROUP IV.—ORTHOPAEDIC AND POSTURAL DEFECTS

(a) No. treated as in-patients in hospitals...	1	
	By the Authority	Otherwise
(b) No. treated otherwise, e.g. in clinics or out-patient departments	—	47

GROUP V.—CHILD GUIDANCE TREATMENT AND SPEECH THERAPY

	Number of cases treated	
	by the Authority	Otherwise
Pupils treated—		
(a) under Child Guidance arrangements	—	8
(b) under Speech Therapy arrangements	—	14
Total ...	—	22

GROUP VI.—OTHER TREATMENT GIVEN

	Number of cases treated	
	by the Authority	Otherwise
(a) Miscellaneous minor ailments	2388	6
(b) Catarrh, Sore Throats, Colds, etc. ...	2	6
(c) Ear defects	52	7
(d) Eye disease	171	4
Total ...	2613	27

TABLE V.

DENTAL INSPECTION AND TREATMENT CARRIED OUT BY THE AUTHORITY

(1)	Number of pupils inspected by the Authority's Dental Officers—	
	(a) Periodic age groups	1,228
	(b) Specials	1,593
	Total (1) ...	2,821
(2)	Number found to require treatment ...	2,515
(3)	Number referred for treatment	2,515
(4)	Number actually treated	3,072
(5)	Attendances made by pupils for treatment	5,381
(6)	Half-days devoted to : Inspection ...	6
	Treatment ...	483
	Total (6) ...	489
(7)	Fillings : Permanent Teeth	2,404
	Temporary Teeth	784
	Total (7) ...	3,188
(8)	Number of teeth filled: Permanent Teeth	2,104
	Temporary Teeth	784
	Total (8) ...	2,888
(9)	Extractions : Permanent Teeth	495
	Temporary Teeth	3,867
	Total (9) ...	4,362
(10)	Administration of general anasethetics for extraction	2,395
(11)	Other operations : Permanent Teeth ...	800
	Temporary Teeth ...	172
	Total (11) ...	972

TABLE VI.

INFESTATION WITH VERMIN

(i)	Total number of examinations in the schools by the school nurses or other authorized persons	23,063
(ii)	Total number of individual pupils examined ...	8,101
(iii)	Total number of individual pupils found to be infested	555
(iv)	Number of individual pupils in respect of whom cleansing notices were issued (Section 54 (2), Education Act, 1944).	9
(v)	Number of individual pupils in respect of whom cleansing orders were issued (Section 54 (3), Education Act, 1944)	—